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Complete if Known			
Application Number	09/541,853		
Filing Date	04/03/2000		
First Named Inventor	Paul Andrew Miller		
Group Art Unit	2721		
Examiner Name	Not Assigned		
Attorney Docket Number	1322/9		

OTHER PRIOR ART NON PATENT LITERATURE DOCUMENTS				
Examiner Initials	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T²	
14	1	O'SHEA, "Mating Season," Telephony, p. 10-11, (September 20, 1999).		
	2	LAKSHMI-RATAN, "The Lucent Technologies Softswitch-Realizing the Promise of Convergence," Bell Labs Technical Journal, p. 174-195, (April-June, 1999).		
	3_	HAMDI ET AL., "Voice Service Interworking for PSTN and IP Networks," IEEE Communications Magazine, p. 104-111, (May, 1999).		
	4	TEKELEC, "Eagle (Registered) Feature Guide," PN/9110-1225-01, ( January, 1998).		
	5	TEKELEC, "Eagle (Registered) STP Platform," 908-0134-01, (1997).		
	6	TEKELEC, "STP Lan Interface Feature," 908-0134-01, (1997).		
	7	TEKELEC, "STP Database Transport Access Feature," 908-0136-01, (1997).		
	8	TEKELEC, "STP X.25 to SS7-IS.41 Protocol Conversion Feature," 908-0135-01, (1997).		
	9	TEKELEC, "STP ANSI-ITU Gateway Feature," 908-0133-01, (1997).		
-	10	TEKELEC, "SS7-Frame Relay Access Device SS7 Protocol Information Translator," 908-0167-01, (1997).		
- AL				
	11	O'SHEA, "The Network That's Never Done," Telephony, p. 38-43, (September 15, 1997).		

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<sup>\*</sup>EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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Application Number 09/541,853

Filing Date 04/03/2000

First Named Inventor Paul Andrew Miller

Group Art Unit 2721

Examiner Name Not Assigned

Attorney Docket Number 1322/9

OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the Examiner item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), Initials\* No. publisher, city and/or country where published. SNYDER, "Rerouting Internet Traffic Jams," Telephony, p. 12, (November 11, 1996). SNYDER, "Branded With Optics," Telephony, p. 49-50, (July 22, 1996). ANONYMOUS, "Around the Loop," Telephony, p. 26, (July 22, 1996). ZAHARYCHUK ET AL., "Gateway Signal Transfer Points: Design, Services and Benefits," IEEE, p. 223.2.1-223.2.8, (1990). BOOTMAN ET AL., "Generic Building Blocks for the Telecommunications Management Network," IEEE, p. 6.1.1-6.1.5, (1988). BOOTMAN, "Intelligent Network Services Using a Service Switching Node," IEEE, p. 40.7.1-40.2.4, (1988) BUCKLES, "Very High Capacity Signaling Transfer Point For Intelligent Network Services," IEEE, p. 40.2.1-40.2.4, (1988).

Examiner Signature	July	Date Considered	10/20/03

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	U.S. PATENT DOCUMENTS					
Examine Initials*	Cite No.1	U.S. Patent	Document  Kind Code <sup>2</sup> (if known)	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
The	Α	6,236,722		Gilbert et al.	05/22/2001	
	В	6,215,783		Neyman	04/10/2001	
	C	6,201,804		Kikinis	03/13/2001	
	D	6,195,425		Farris	02/27/2001	
	E	6,157,719		Figurski et al.	12/05/2000	
	F	6,154,467		Hager et al.	12/05/2000	
	G	6,151,390		Volftsun et al.	11/21/2000	
	Н	6,144,670		Sponaugle et al.	11/07/2000	
	I	6,144,667		Doshi et al.	11/07/2000	
	J	6,137,874		Brown et al.	10/24/2000	
	K	6,137,869		Voit et al.	10/24/2000	···
$\Box$	L	6,134,246		Cai et al.	10/17/2000	
	M	6,134,235		Goldman et al.	10/17/2000	
	N	6,128,379		Smyk	10/03/2000	
	0	H1,896		Hoffpauir et al.	10/03/2000	
	P	H1,880		Vines et al.	10/03/2000	
	Q	6,125,177		Whittaker	09/26/2000	
	R	6,122,365		Yegoshin	09/19/2000	
V	S	6,122,263		Dahlin et al.	09/19/2000	
الما	Т	6,122,255		Bartholomew et al.	09/19/2000	

	FOREIGN PATENT DOCUMENTS							
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711	Α	wo	00/56032		Costa et al.	09/21/2000		X
1	B_	wo	00/33519		Simon	06/08/2000		X
	C	wo	00/31933		Elliott et al.	06/02/2000		X
	D	wo	00/30369		Graf et al.	05/25/2000		X
V	E	wo	00/22840		Huopaniemi et al.	04/20/2000		X
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<sup>&</sup>lt;sup>1</sup> Unique citation designation number. <sup>2</sup> See attached Kinds of U.S. Patent Documents. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.



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of 16

-	U.S. PATENT DOCUMENTS					
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7h	Ü	6,119,160	Zhang et al.	09/12/2000		
	V	6,118,780	Dunn et al.	09/12/2000		
	W	6,115,383	Bell et al.	09/05/2000		
	X	6,112,090	Valentine	08/29/2000		
	Y	6,111,893	Volftsun et al.	08/29/2000		
	Z	6,111,870	Kurtz	08/29/2000		
	aa	6,097,805	Figurski et al.	08/01/2000		
	bb	6,097,719	Benash et al.	07/04/2000		
	СС	6,097,036	Teshima et al.	08/01/2000		
	dd	6,084,956	Turner et al.	07/04/2000		
	ee	6,084,892	Benash et al.	07/04/2000		
	ff	6,079,036	Moharram	06/20/2000		
	gg	6,078,582	Curry et al.	06/20/2000		
Ц	hh	6,069,890	White et al.	05/30/2000		
	ii	6,067,546	Lund	05/23/2000		
	ii	6,064,653	Farris	05/16/2000		
	kk	6,055,202	Merritt	04/25/2000		
	11	6,047,005	Sherman	04/04/2000		
0	mm	6,026,091	Christie et al.	02/15/2000		
TL	nn	6,023,502	Bouanaka et al	02/08/2000		

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<sup>1</sup> Unique citation designation number. 2 See attached Kinds of U.S. Patent Documents. 3 Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). 4 For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the senal number of the patent document. 5 Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.



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Sheet 3 of 6

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Application Number	09/541,853				
Filing Date	04/03/2000				
First Named Inventor	Paul Andrew Miller				
Group Art Unit	2721				
Examiner Name	Not Assigned				
Attorney Docket Number	1322/9				

	U.S. PATENT DOCUMENTS									
Examine Initials	r Cite No.1	U.S. Patent Number	Kind Code <sup>2</sup> (if known)	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear				
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	pp	6,018,515		Sorber	01/25/2000					
$\Box$	qq	6,011,803		Bicknell et al.	01/04/2000					
	rr	6,011,794		Mordowitz et a.	01/04/2000					
	ss	6,011,780		Vaman et al.	01/04/2000					
	tt	6,006,098		Rathnasabapathy et al.	12/21/1999					
	uu	5,995,608		Detampel, Jr. et al.	11/30/1999					
	vv	5,991,301		Christie	11/23/1999					
	ww	5,974,052		Johnson et al.	10/26/1999					
	xx	5,971,900		Allison et al.	06/29/1999					
	уу	5,958,016		Chang et al.	09/28/1999					
	zz	5,949,871		Kabay et al.	09/07/1999					
	1	5,926,482		Christie et al.	07/20/1999					
	2	5,920,562		Christie, deceased, et al.	07/06/1999					
	3	5,912,887		Sehgal	06/15/1999					
	4	5,892,822		Gottlieb et al.	04/06/1999					
	5	5,889,954		Gessell et al.	03/30/1999					
4	6	5,878,129		Figurski et al.	03/02/1999					
7.	7	5,872,782		Dendi	02/16/1999					
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Application Number 09/541,853

Filing Date 04/03/2000

First Named Inventor Paul Andrew Miller

Group Art Unit 2721

Examiner Name Not Assigned

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Sheet 4 of 6

Attorney Docket Number 1322/9

				U.S. PATENT DOC	UMENTS	
Examiner nitials*	Cite No.1	U.S. Patent Number	Document  Kind Code <sup>2</sup> (if known)	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
せし	9	5,867,495		Elliott et al.	02/02/1999	
A	10	5,852,660		Lindquist et al.	12/22/1998	
	11	5,838,782		Lindquist	11/17/1998	
	12	5,828,844		Civanlar et al.	10/27/1998	
	13	5,815,669		Lee et al.	09/29/1998	
	14	5,812,781		Fahlman et al.	09/22/1998	
	15	5,809,028		Nethercott et al.	09/15/1998	
	16	5,805,587		Norris et al.	09/08/1998	
	17	5,802,285		Hirviniemi	09/01/1998	
	18	5,793,771		Darland et al.	08/11/1998	
	19	5,787,255		Parlan et al.	07/28/1998	
	20	5,781,534		Perlman et al.	07/14/1998	
	21	5,774,695		Autrey et al.	06/30/1998	
	22	5,768,525		Kralowetz et al.	06/16/1998	
	23	5,768,361		Cowgill	06/16/1998	
	24	5,764,955		Doolan	06/09/1998	
	25	5,764,750		Chau et al.	06/09/1998	
J	26	5,761,500		Gallant et al.	06/02/1998	
•	27	5,761,281		Baum et al.	06/02/1998	
14	28	5,740,374		Raffali-Schreinemachers	04/14/1998	

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74	29	5,732,213		Gessel et al.	03/24/1998	
	30	5,712,903		Bartholomew et al.	01/27/1998	
	31	5,696,809		Reiman et al.	01/06/1998	
	32	5,680,552		Netravali et al.	10/21/1997	
	33	5,675,635		Vos et al.	10/07/1997	
	34	5,664,102		Faynberg	09/02/1997	
	35	5,657,452		Kralowetz et al.	08/12/1997	
	36	5,651,002		Van Seters et al.	07/22/1997	
	37	5,640,446		Everett et al.	06/17/1997	
	38	5,638,431		Everett et al.	06/10/1997	
	39	5,586,177		Farris et al.	12/17/1996	
	40	5,583,927		Fly et al.	12/10/1996	
	41	5,581,588		Horney, II, et al.	12/03/1996	
	42	5,568,487		Sitbon et al.	10/22/1996	
	43	5,509,010		LaPorta et al.	04/16/1996	
	44	5,430,727		Callon	07/04/1995	
	45	5,420,916		Sekiguchi	05/30/1995	
	46	5,384,840	I	Blatchford et al.	01/24/1995	
4	47	5,315,641		Montgomery et al.	05/24/1994	
	48	5,239,542		Breidenstein et al.	08/24/1993	

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nitials*	No.1	Number	(if known)	or Cited Document	MM-DD-YYYY	Passages or Relevant Figures Appear		
74	49	5,208,811		Kashio et al.	05/04/1993			
1	50	5,142,622		Owens	08/25/1992			
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<sup>\*</sup>EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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Complete if Known ubstitute for form 1449A/PTO **Application Number** 09/541,853 1 2018 TORMATION DISCLOSURE Filing Date 04/03/2000 First Named Inventor ATEMENT BY APPLICANT Paul Andrew Miller Art Unit 2721 **Examiner Name** (Use as many sheets as necessary Attorney Docket Number 1322/9

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Application Number	09/541,853				
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<sup>&</sup>lt;sup>1</sup> Unique citation designation number. <sup>2</sup> See attached Kinds of U.S. Patent Documents. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

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	04/03/2000			
First Named Inventor	Paul Andrew Miller			
Art Unit	2721			
Examiner Name				
Attorney Docket Number	1322/9			

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First Named Inventor	Paul Andrew Miller	NUV	T 3 2000 €
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### INFORMATION DESCLOSU STATEMENT BY APPLICANT

**Application Number** 09/541,853 Filing Date 04/03/2000 First Named Inventor Miller et al Art Unit 2721 **Examiner Name** Not Assigned

(Use as many sheets as necessary) Attorney Docket Number Sheet\_ 1322/9

			U. S. PATENT	DOCUMENTS	
Examiner Initials*	Cite No. <sup>1</sup>	Document Number  Number-Kind Code <sup>2 (fl known)</sup>	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
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	FOREIGN PATENT DOCUMENTS									
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document  Country Code 3-Number 4-Kind Code 5 (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>				
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